## **CLAIMS**

## What is claimed is:

1	1.	A combination dip tube assembly and a container pump for use with a
2		container disposed in an inverted condition, comprising:
3		a) attachment means for attachment to the container;
4		b) a pump mechanism carried by said attachment means for dispensing
5		material from the container comprising:
6		1) a pump movable between pumping and non-pumping positions,
7		and
8		2) a dip tube extending between said pump and the interior of the
9		container;
10		c) an elongate housing for receipt of a portion of said pump; and
11		d) said dip tube:
12		1) providing fluid communication between the interior of the
13		container and said pump; and
14		2) extending in substantial parallelism with said housing.
1	2.	A dip tube assembly for use with a pump having a first end for insertion into
2		a container and a second end for pumping material from the container, the
3		assembly comprising:
4		a) a dip tube support attachable to the first end of the pump; and
5		b) a hollow dip tube attachment arm projecting from said support
6		disposed generally parallel to said pump and opening toward the
7		second end of the pump.
1	3.	The dip tube assembly of Claim 2 further comprising a first hollow leg
2		receivable on the first end of the pump; a second hollow leg extending
3		substantially normally from said first hollow leg; and a third hollow leg
4		extending substantially normally from said second hollow leg.

- 1 4. The dip tube assembly of Clam 3 further comprising a dip tube receivable on said third hollow leg.
- The dip tube assembly of Claim 1, wherein said dip tube includes a tube having a first end extending upward from said pump mechanism and a second extending downward relative to said first end and opening below said first end;
- 5 wherein said first and second ends are connected by an arcuate section.
- 1 6. The dip tube assembly of Claim 5, wherein said tube is a flexible unitary member.
- 7. The dip tube assembly of Claim 1, wherein said dip tube includes a cap slidably received on said pump mechanism, said cap defining a channel adjacent said pump mechanism and opening into said pump mechanism at a first end and opening into said container at a second end, wherein said second is located below said first end.
- 1 8. A pump apparatus for use with a container disposed in an inverted condition, 2 the pump apparatus comprising:

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- a pump having a nozzle that extending exteriorly of the container and a pump housing extending into the container, wherein said pump housing is open at a distal end thereof;
- a dip tube having a first end attachable to said distal end and a second end extending below said first end.
- 1 9. The pump apparatus of Claim 8, wherein said dip tube includes an arcuate section between said first and second ends.

- 1 10. The pump apparatus of Claim 8 further comprising a bracket on said pump 2 housing, said bracket being engageable with said dip tube to restrict 3 movement thereof.
- 1 11. The pump apparatus of Claim 10 further comprising a bracket formed on said pump housing, wherein said bracket is adapted to engage said second end of said tube and restrict movement thereof.
- 1 12. The pump apparatus of Claim 10, wherein said bracket includes a piar of arms extending radially from said pump housing and defining a dip tube receiving gap therebetween.
- 1 13. The pump apparatus of Claim 12, wherein said pump housing defines a recess below said distal end, wherein said arms extend radially inward into said recess and wherein said second end of said tube is receivable between said arms within said recess.
- 1 14. A pump apparatus for use in connection with a container disposed in an inverted condition, the pump apparatus comprising:

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- a pump housing received within said container and a nozzle extending exteriorly of said container, said pump housing having an open distal end;
  - a cap adapted to fit over a portion of said pump housing including said distal end, said cap defining a channel having a first end opening into said distal end and a second end opening into the container, wherein said second end is located below said first end.
- 1 15. The pump apparatus of Claim 14, wherein said cap includes a sleeve-like body open at its lower end and closed at its top end, said cap being slidably received on said pump housing, said cap including a surface engageable with said distal end of said pump body to space said closed end of said cap from said open end of said distal end creating fluid communication therebetween,

- wherein said channel extends radially outward from said opening above said distal end and downward along an outer surface of said pump housing.
- 1 16. The pump apparatus of Claim 15, wherein said sleeve necks inwardly to
  2 define said surface engagable with said pump housing to space said top
- 3 surface of said sleeve away from said distal end.
- 1 17. The pump apparatus of Claim 14 further comprising gripping means
- 2 extending inward from said sleeve and engage the exterior surface of the
- 3 pump housing.
- 1 18. The pump apparatus of Claim 17, wherein said gripping means includes a
- 2 plurality of ribs evenly circumferentially spaced relative to each other
- 3 located adjacent the distal end of said pump body and engagable therewith.
- 1 19. The pump apparatus of Claim 15, wherein said ribs extend in the axial direction.